BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Code:012-17-000005 *Est .Cost Rs.25.00 Lakhs*

Name of Work: Providing street name Boards at Chikkasandra Abbigere, Mallasandra in Ward No.12 in Shettyhalli Sub Division.

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-3. **Earthwork excavation by manual means in ordinary soil** involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17.								
Street Sign Boards	Cum	153	0.60	0.60	0.60	33.05		
For drain desilting behind abbigere hospital road		2	90.00	0.60	0.40	43.20		
For Footpath		2	90.00	1.20	0.20	43.20		
						119.45	175.96	**21018.00**
KSRRB M800-3. **Direction and Place Identification Signs upto 0.9 sqm Size Board:-**Manufacturing, supply and installation of retro - reflectorised cautionary, mandatory and informatory signboards made out of cube corner micro prismatic grade sheeting confirming to type XI standards of IRC :67:2012 specifications & fixed over 4 mm thick aluminium composite panel sheet having minimun 0.30 thick aluminium skin on both sides & fixed over a support frame of 25x25x3 mm MS angle and mounted on 75mm dia OR 75x75x6mm Mild steel angle of total height 2.70m with clear height of not less than 2.10 m from the ground level to the bottom of the sign board & 60 cm below ground level. The sign post should be painted with one coat of red oxide paint and white colour with brands of 30 cm height alternatively firmly fixed to the ground by means of foundation with M20 grade cement concrete of 45 cm x45 cm x 60 cm including cost & conveyance of all materials, equipment, machinery & labour with all leads and lifts, loading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective sheeting from the original sheeting manufacturer as per clause 6.9 in IRC 2012 & a certified copy of three years outdoor exposure report from an independent test lab for the product offered shall be obtained from the supplier **Page No. 182 / Item No. 24.3, PWD SR 2016-17**									
	Sqm	153 Nos *1.0 sqm				**153.00**	8590.24	**1314307.00**
Calculation for one board								
Pipe = 1*3.14*0.075*2.7m=0.64 sqm								
Board= 1*0.60* 0.60 =0.36								
Total area for 1 board = 1.00 sqm								

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SRB M800-7. **Painting:-**Providing and applying two coats of ready mix paint of proved brand after through cleaning of surface to give an even shade complete as r specifications. MORTH Specification No. 803 - **Painting on Steel Surface Page o. 184 / Item No. 24.8.1, PWD SR 2016-17**								
Note	Sqm	153	2.70		0.23	95.01		
Board Front and Back Side		153x2	0.60		0.40	73.44		
		153x2	0.60		0.20	36.72		
						205.17	60.42	**12397.00**
SRRBM800-9. **Painting New Letter** and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi (Matras commas and the like not to be measured and ead for half letter shall be counted as half) " MORTH Specification No. 803 **Page No. 184 / Item No. 24.9, PWD SR 2016-17**								
Letters for one board	cm	52	10.00			520.00		
		6	12.00			72.00		
For One Board						**592.00**	**Cms**	
For 250 Boards		153	592.00					
						90576	0.80	**72461.00**
Removing and refixing stone slabs of drains and pointing in CM (1:3) Page No. 25 / Item No. 5.33 PWD SR 2016-17								
	Sqm	2	90.00	1.8		324		
						324	80.56	**26101.44**
Removing and resetting of kerb stones Page No.264 / Item No. Item No. 37.57, PWD SR 2016-17								
	Mtr	**2**	**90.00**			180.00		
missing kerbs						49.50		
						130.50	65.72	**8576.46**
Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **PWD SR 2016-17 P. No.24 / Item No. Item No. 5.30**								
	Nos	**1**	**49.50**			**49.50**		
		No of stones				**110.00**	331.78	**36495.80**
Basic rate	**313**							
Add 6 % AW	**18.78**							
	331.78							

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KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix** 1:3 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 Page No.12/ Item No. 3 PWD SR 2016-17

For footpath	**Cum**	2	90.00	1.00	0.15	27.00		
For flagging course		2	90.00	0.50	0.10	9.00		
						36.00	5159.02	**185724.72**

KSRB 5-11 : **Providing and constructing load bearing wall with solid concrete blocks** of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No 5.4 Page No.24/ Item No. 5.27.1/ PWD SR 2016-17

For flagging course	**Sqm**	2x2	90.00	0.20		72		
		2	25.00	0.20		10		
						82	993.22	**81444.04**

KSRB 4-1.6 ; **Providing and laying in position plain cement concrete of mix** 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and sills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.11, I.No. 4.6 of PWD SR 2016-17)

For Coping	**Cum**	2x2	90.00	0.20	0.10	7.20		
		2	90.00	1.20	0.10	21.60		
						28.80	5767.46	**166102.85**

Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.

		2	**90.00**	**1.20**		**216.00**		
						216.00	1680.00	**362880.00**
Approved rate								

KSRB 15-20.1 : **Providing and applying floor painting with ready mix paint in two coats** (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications Page No. 122 / Item No. Item No. 15.83, PWD SR 2016-17

	Sqm	2	90.00	0.40		72.00		
						72.00	53.00	**3816.00**

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						Sub Total		2291324.31
Charges 8 + 1%								206219.19
neous charges								2456.50
							Total	2500000.00

(Rs Twenty Five Lakhs Only)

FICATE

Work spot has been inspected and the work found to be necessary
Estimate is prepared as per the PWD SR 2016-17
Provision made in estimate are adequate and essential
s area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/DD/AS/26/17-18 ದಿನಾಂಕ : 21.7.17

ರೂ. Twenty five lakh only.
Rs. 25.00 Lakh.

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/TS/96/17-18 ದಿನಾಂಕ : 21/07/2017

ರೂ. Rs. 25.00 lakh /-
Rs. Twenty five lakh only /-

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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